

BY: \$USERNAME\$ 6/26/2012 12:00:52 PM

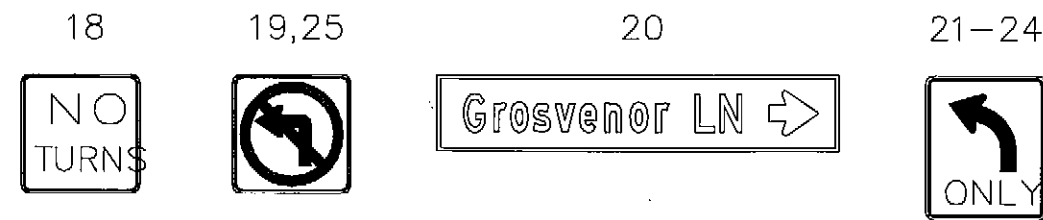
DRILL HOLES

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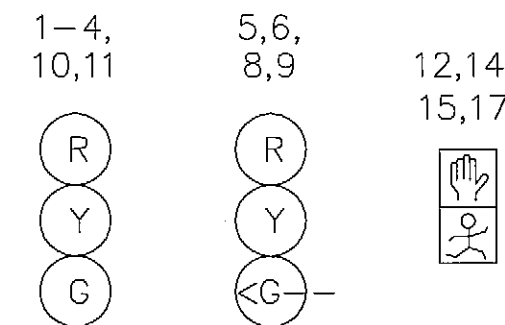
DRILL HOLES

MD 355 (Rockville Pike) is assumed to run in a North/South direction.

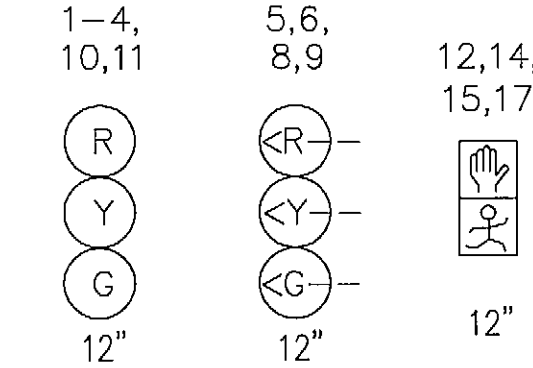
EXISTING SIGNS



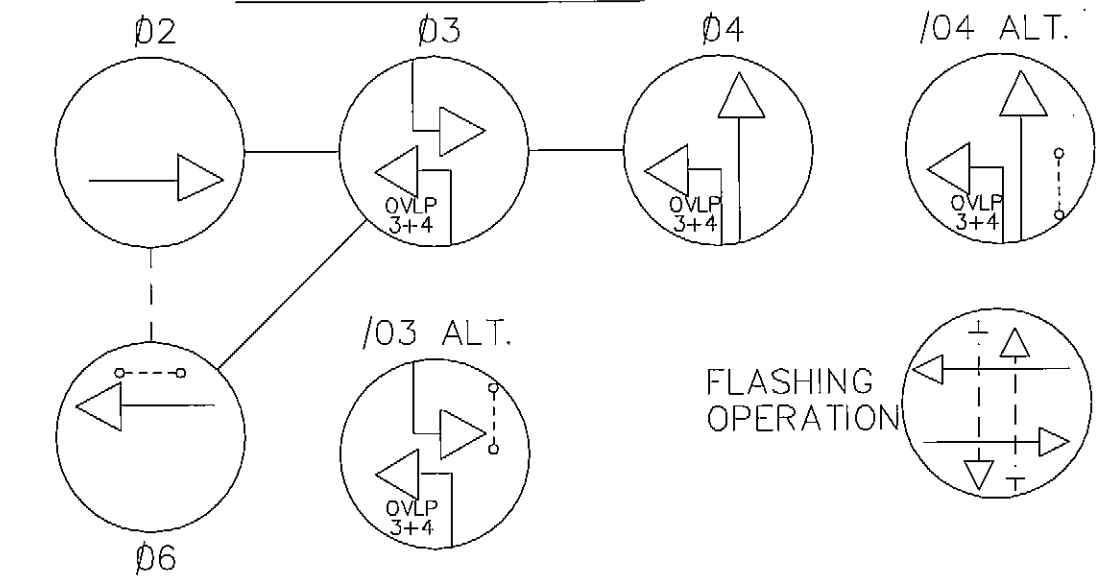
EXISTING SIGNALS TO BE REMOVED



EXISTING SIGNALS (BLACK FACE)



NEMA PHASING



PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

NOTE:
CONTRACTOR SHALL REFER TO MDOT STANDARD SPECIFICATION FOR CONSTRUCTION AND MATERIALS SECTION 603.03.01 (B-1) FORMS, SECTION 603.03.01 (C) CONCRETE, AND SECTION 603.03.01 (E) JOINTS FOR SIDEWALK REPAIR

NOTE:
CONTRACTOR SHALL REFER TO SHA STANDARDS FOR HIGHWAY AND INCIDENTAL STRUCTURES STANDARD NUMBERS MD 655.01, MD 655.02, MD 655.11, MD 655.12, AND MD 655.13 FOR REPAIR OF SIDEWALK EXPANSION JOINTS, SIDEWALK PASSING ZONES, SIDEWALK RAMPS, AND ADA RAMPS.

METER SERVICE PEDESTALS ARE TO BE PROVIDED BY THE SUBCONTRACTOR PER SHA SPECIFICATIONS AND MEET THE REQUIREMENTS OF ALL NEC ELECTRICAL CODES.

NOTE:
CONTRACTOR SHALL INSTALL JET LINE IN NEW COMMS CONDUIT FOR PULLING OF FUTURE CABLE

IF AN EXISTING CONDUIT IS MORE THAN 40% FULL, ADDITIONAL CONDUIT WILL BE INCLUDED AS NEEDED.

THIS DRAWING IS ISSUED AND STAMPED FOR RED LIGHT CAMERA INSTALLATION IN THE CLOUDED AREA ONLY

SPECIAL NOTE:
CONTRACTOR SHALL TEST PIT TO VERIFY LOCATION OF EXISTING CONDUIT AND UTILITY RUNS THAT WILL BE IN CLOSE PROXIMITY TO NEW EQUIPMENT INSTALLATIONS.

NOTE:
CONTRACTOR SHALL USE A RED PROTECTIVE SLEEVE TO SEPARATE THE REDLIGHT CAMERA SYSTEM WIRES FROM EXISTING SHA SIGNAL WIRES AT ALL TIMES WHEN ROUTING THROUGH EXISTING CONDUIT, HANDHOLES, SIGNAL STRUCTURES, AND SPAN WIRES.

CONSTRUCTION DETAILS

- INSTALL CAMERA UNIT, 10' POLE, AND FOUNDATION WITH (1) 3" PVC 90, (1) 2" PVC 90 AND (1) 1" PVC 90.
- INSTALL FLASH UNITS, RECEIVERS, 14' POLE, AND FOUNDATION WITH (1) 3" PVC 90, (1) 2" PVC 90 AND (1) 1" PVC 90.
- INSTALL 2" PVC SCH. 80 COMMS CONDUIT - TRENCHED.
- INSTALL 2" PVC SCH. 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL #5 PULLBOX.
- USE EXISTING CONDUIT (REFER TO "RED PROTECTIVE SLEEVE" NOTE ON THIS SHEET).
- INSTALL SENSYS SENSOR CUBE.
- INSTALL 4" PVC SCH. 80 COMMS CONDUIT - BORED.
- EXISTING HAND HOLE.
- INSTALL 100 AMP METERED SERVICE PEDESTAL WITH BYPASS SWITCH AS SHOWN.
- INSTALL 2" PVC ELECTRICAL CONDUIT TRENCHED INTO EXISTING HANDHOLE.
- INSTALL 2" PVC ELECTRICAL CONDUIT TRENCHED INTO EXISTING CABINET BASE.
- LOCATE THE EXISTING 2" SERVICE ELBOW IN THE EXISTING CABINET BASE THAT CONNECT THE 2" PVC CONDUIT FOR PROPOSED SERVICE FROM THE METERED PEDESTAL POST. REMOVE EXISTING ELECTRICAL SERVICE EQUIPMENT FROM CABINET.
- LOCATE EXISTING UNDERGROUND ELECTRICAL SERVICE CONDUIT. PULL BACK EXISTING CABLES AND CUT CONDUIT, ATTACH PROPOSED 2" PVC (SCHEDULE 80) CONDUIT AND ROUTE TO SERVICE PEDESTAL. THIS IS TO BE COMPLETED AS A "WORK WITH PEPCO AND USING MONTGOMERY COUNTY POLICE FOR TRAFFIC CONTROL DURING CHANGEOVER.
- USE EXISTING CONDUIT FROM EXISTING HAND HOLE TO EXISTING CONTROLLER CABINET (REFER TO "RED PROTECTIVE SLEEVE" NOTE ON THIS SHEET).

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	—	A
ELECTRICAL	—	E
TELEPHONE	—	T
GAS	—	G
SEWER	—	S
WATER	—	W
CABLE TV	—	TV



A xerox Company

12410 MILESTONE CENTER DR. 4TH FLOOR
GERMANTOWN, MD 20876

Red Light Camera
BW313M83
MD 355 @ Grosvenor Lane



Wayne L. L.
6/26/12

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD 355 (ROCKVILLE PIKE) SB AND GROSVENOR LN.

APPROVALS	REVISIONS	SCALE: 1" = 20', ADVERTISED DATE 03-21-1977, CONTRACT NO.
TEAM LEADER	RED LIGHT CAMERA INSTALLATION TIMS #1447 06/26/12	DESIGNED BY
ASST. DIV. CHIEF	JSC	DRAWN BY MVR
DIVISION CHIEF	C REPLACE EXISTING SIGNALS WITH BLACK FACE SIGNALS TIMS F368 NOV. 16, 2004	CHECKED BY WSW
OFFICE DIRECTOR	B ADD SOUTHBOUND RIGHT TURN LANE 3/86	F.A.P. NO.
		DRAWING NO. TS 2345 E OF SHEET NO. 1 OF 2

PLOTTED: \$DATE\$
FILE: \$FILE\$